

## NEW PRODUCT RELEASE

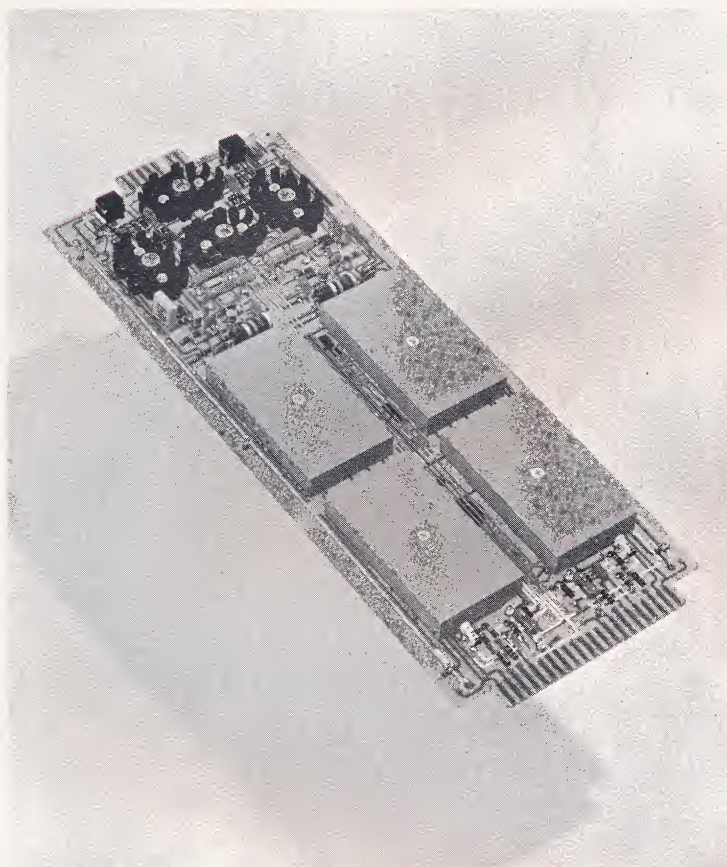


**ELTEX INC.**

2350 WILLOW PASS ROAD • CONCORD, CALIFORNIA • PHONE 686-6660, AREA CODE 415

*Specialists in amplifiers and computer elements.*

### Operational Amplifier Model 510



#### Description

The Zeltex Model 510 contains two independent amplifier channels on a single glass epoxy card. Using FET choppers and all-silicon semiconductors, the 510 offers excellent long term reliability. The output is unconditionally short circuit proof and can be connected either to ground or to the reference levels without damage.

The balance potentiometers and the true overload indicator lamps are located on the front of the card. Overload indication is also available at the rear connector.

Up to 12 of the dual amplifiers can be mounted within one Model 560A Cabinet with internal power. With external power, up to 16 dual amplifiers can be housed within one Model 560 Cabinet.

#### Performance Specifications

Output range:  $\pm 100$  volts @ 20 ma.  
Gain at DC:  $10^7$   
Bandwidth: 3 db down at 200 kc  
Undistorted full output: DC to 20 kc  
Voltage drift: 25  $\mu$ volt/8 hrs  
3  $\mu$ volt/ $^{\circ}$ C

Integrator drift: 50  $\mu$ volts/second  
Input impedance: 500 Kohm  
Input noise: 500  $\mu$ volt peak, DC to 200 kc  
Power requirements: (per channel)  
 $\pm 130$ v @ 20ma no load  
(chopper drive internal)

Selling Price: \$ 280